

Abstract

The inventive method for damping control of oscillating modes of a continuously variable transmission which is provided with an electric variator by using a heat engine and at least two electric machines is characterised in that the torque (U_o) controller of the electric machines is embodied in the form of the sum of a main instruction (U_{o1}) enabling to attain the set torque on a wheel (R_{To}), the heat engine (R_{Wice}) torque and an additional instruction (U_m) for damping oscillating modes generated by stiffness of a cinematic chain between the heat engine and the wheels.